

TOP SECRET

25X1

44

JOINT PHOTOGRAPHIC INTELLIGENCE BRIEF
ARMY-NAVY-CIA

SUBJECT : Rhombic Antenna Site NO. : JB-11/60
LOCATION : Kapustin Yar Missile Test DATE : 12 February 1960
Center LAT : 47°37'N
B.E. NO. : [] LONG : 46°13'E
WAC NO. : 235

25X1D

PHOTO DATA:



MAP DATA:

USAF Global Navigation and Planning Chart, Central Asia, GNC 5,
Scale 1:5,000,000.

REMARKS:

Detailed examination of the [] photography covering the Kapustin Yar Missile Test Center reveals at least four double rhombic antennas under construction at Launch Complex "C". The rhombics, which include two day and two night antennas, are located approximately 1,000 feet south of the launch complex support area (47°37'N/46°13'E). The following dimensions have been obtained by projecting the final position of each mast as evidenced by its respective anchor positions.

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<u>Antenna No.</u>	<u>Major Axis</u>	<u>Minor Axis</u>	<u>Distance Between End Poles</u>	<u>Leg</u>	<u>Az.</u>
1	705'	440'	70'	400'	[]
2	425'	275'	65'	235'	
3	445'	255'	75'	240'	
4	705'	450'	90'	395'	

The dimensions approximate the structural characteristics for the Russian 65 4/1 double rhombic antenna which is designed for use at distances over 1,500 kilometers. This factor, coupled with the concurrent construction nearby of the two largest pads at Kapustin Yar, suggests an extension of the Kapustin Yar missile test range.

Declass Review by NGA / DoD

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